



Green Building Accomplishments and Initiatives

CalPERS has long been a leader in sustainability and is committed to help preserve our state's natural resources. We have taken significant steps to effectuate the Governor's Executive Orders and also support the principle of measuring energy usage reduction efforts. We are committed to aligning business practices with sustainable principles that result in long-term benefits to the environment. We operate in an environmentally responsible manner by reducing and recycling waste, purchasing environmentally preferred products, and conducting green building operations to help reduce the negative environmental impact.

Energy Conservation

While the CalPERS Lincoln Plaza building square footage has increased by 65% since 2003, the total energy use per square foot has decreased by 35%.

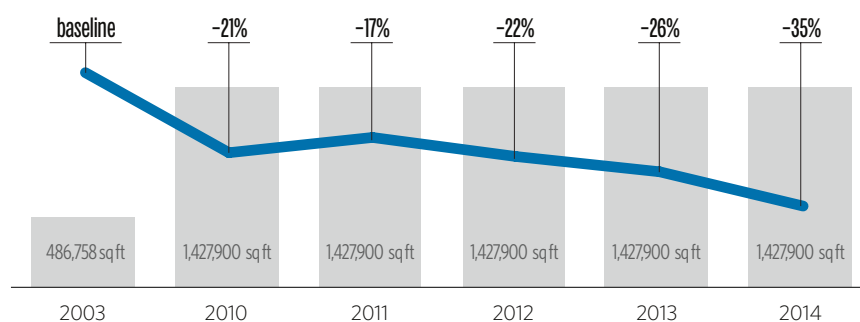


35% reduction

in energy use per square foot,
compared to a 2003 baseline

	2003 (baseline)	2010	2011	2012	2013	2014
Electric (kWh)	13,078,768	26,466,790	26,877,874	26,047,306	24,690,440	22,362,402
Gas (Therms)	3,255	138,616	178,852	138,015	130,007	96,131
Total energy (kBtu)	44,950,256	104,166,287	109,592,506	102,674,908	97,244,481	85,913,616
CalPERS buildings square footage	486,758	1,427,900	1,427,900	1,427,900	1,427,900	1,427,900
Energy use per square foot	92.35	72.95	76.75	71.91	68.10	60.17
Reduction in energy use	baseline	-21.00%	-16.89%	-22.13%	-26.25%	-34.85%

Reduction in Energy Use per Square Foot, Compared to a 2003 Baseline:





30% reduction

in water use compared to 2013

Water Reduction

In response to the Governor's 2014 emergency water reduction declaration, CalPERS implemented several water saving measures. These measures resulted in a 30% reduction from January through December (nearly 10 million gallons) compared to water usage in 2013 for the same months.

Recognition

- **LEED®** — Leadership in Energy and Environmental Design (LEED®) certification process is a point system that determines the environmental merits of a building. We recertified the CalPERS Headquarters buildings in an effort to be recognized as a high-performing green building. Our Lincoln Plaza East/West building was rated LEED® Platinum by the United States Green Building Council in May 2014, and the Lincoln Plaza North building was rated LEED® Gold in August 2014.
- **Organic Waste Champion** — In August 2014, CalPERS was recognized at the State Capitol by CleanWorld as a valued leader to the ideal of sustainability through organic waste diversion and recycling and for our commitment to making California more environmentally sustainable and climate resilient.
- **Data Center** — CalPERS was recognized in September 2013 for a Data Center Energy Conservation Project at the Sustainable Business of the Year Award Ceremony in Sacramento. Awards received included recognition by the Business Environmental Resource Center, Certificate of Appreciation from Congresswomen Doris Matsui, Certificate of Recognition from Assemblyman Richard Pan, Certificate of Recognition from Senate President pro Tem Darrell Steinberg, and a Resolution from the County of Sacramento Board of Supervisors.
- **Climate Action Leader** — CalPERS has been recognized as a Climate Action Leader from 2007 through 2012 by the California Climate Action Registry for our commitment to validate green house gas inventory through third party auditing.
- **Energy Star Certified** — CalPERS received the 2013 Environmental Protection Agency (EPA) Energy Award for using 35% less energy and generating 35% fewer greenhouse gas emissions. The Lincoln Plaza East/West building scored a 93, which is 43% higher than the benchmark median in energy performance.

Green Initiatives

- **Renewable Energy** — CalPERS purchases environmentally preferable renewable energy credits, which have a lesser or reduced effect on the environment when compared with other products that serve the same purpose.
- **Café Vendor** — Compass Group USA is highly committed to sustainability and has implemented several programs that support CalPERS green initiatives. In addition to the sustainably farmed seafood, locally sourced produce, and packaging made from renewable resources, they have also implemented waste reduction practices and participate in organic waste diversion.
- **Organic Waste Diversion Program** — In March 2014, CalPERS partnered with Greenwise and Atlas Disposal Industries to implement a food waste diversion program at our Headquarters. Through this program, the Café, Subway, Chocolate Fish, and Montessori in the City collect their organic waste for disposal into a special trash bin provided by Atlas. The food waste is then diverted to a digester that produces an alternative fuel product which is used by Atlas and the City of Sacramento to fuel their fleet vehicles. As of December 2014, CalPERS has diverted 26.1 tons of food waste.
- **Electric Vehicle Charging Stations** — CalPERS recently added seven charging stations at the 500 R Street garage and will be installing seven additional charging stations in 2015 at the CalPERS Headquarters due to increasing demand.
- **Bike Share Program** — The CalPERS Bike Share Program was implemented in August 2011 and established through a partnership between the Sustainable Operations Program and the Wellness Program. This program makes bicycles available, at no charge, for staff to use for personal and business trips during work hours.
- **Green Club** — Since September 2012, staff throughout CalPERS have been volunteering to participate in the monthly Green Club meetings during their lunchtime to discuss ways CalPERS can be more “green.”